

Highlights of the NASA Ames Research Center

Draft Request for Proposal for

**SMALL SPACECRAFT PROTOTYPING
ENGINEERING DEVELOPMENT & INTEGRATION
(SSPEDI)**

This Draft Request for Proposal (DRFP), NNA17608320R, is an acquisition planning tool and is a means of soliciting industry comments for use in developing a final solicitation. Potential Offerors are encouraged to furnish comments on all aspects of the DRFP including the Statements of Work (SOWs), proposal instructions, and evaluation.

Draft documents that are posted with this Highlights document are as follows:

1. SSPEDI Draft RFP Sections B-M
2. SSPEDI Draft SpE Basic SOW
3. SSPEDI Draft SpS Basic SOW
4. SSPEDI Draft SpE Task Order 1 SOW – RRSW Facility Operation and Maintenance
5. SSPEDI Draft SpS Task Order 1 SOW – Tactical Persistence
6. SSPEDI Draft SpS Task Order 2 SOW – Cloud Characterization Satellite
7. SSPEDI Draft Technology Readiness Level Definitions

Additional draft documents will be released as they become available.

All comments or suggestions on the DRFP must be submitted via email with the subject header “NNA17608320R DRFP” to the Acquisition Division by **May 22, 2017** for consideration. Questions, suggestions and comments, together with the Government’s response, will be available at a later date, but prior to the release of the RFP. Please address any comments, suggestions or questions to the following:

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NNA17608320R

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This acquisition is not typical in that it solicits two requirements: Space Enablers (SpE) and Space Solutions (SpS). These requirements are follow-ons to contracts awarded in 2009 titled Rapid Response Space Works (RRSW) and Modular Space Vehicles (MSV) respectively. Like the existing contracts, the Government’s intent is to enter into a single award, indefinite delivery/indefinite quantity (IDIQ) contractual arrangement for SpE and a multiple award IDIQ contractual arrangement for SpS. All IDIQ contracts will have a five-year ordering period.

The procurement will be conducted on a full and open basis. However, note that there are potential Organizational Conflict of Interest (OCI) aspects associated with SSPEDI. All potential offerors are strongly advised to be aware of the OCI limitations prior to submitting a proposal. Due to the relationship between the two requirements and to avoid potential

conflicts, **offerors shall be limited to submitting one proposal for either SpS or SpE.** Offerors are not allowed to submit proposals for both efforts. Offerors that submit one proposal that combines the SpE and SpS requirements, or multiple proposals, will not be considered.

All clauses in the DRFP apply to both requirements unless otherwise noted. The NAICS code for both SpE and SpS is 541712 – Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology) with an exception of Space Vehicles and Guided Missiles, their Propulsion Units, their Propulsion Units Parts, and their Auxiliary Equipment and Parts, with a small business size standard of 1,250 employees.

Do not submit a proposal in response to this DRFP.

In responding to this DRFP, potential offerors are requested to highlight whether their questions, comments, and/or suggestions are applicable to SpE, SpS, or both.

An Industry Day will be held on 3 - 4 May 2017. An Industry Day Special Notice was posted to FBO on 10 April 2017 with additional details:

<https://www.fbo.gov/spg/NASA/ARC/OPDC20220/NNA17608320R/listing.html>

All material that is presented at Industry Day and relevant questions and answers will be made available to potential offerors.

The SSPEDI requirements include some classified work that may require clearance up to the Top Secret/Sensitive Compartmented Information (TS/SCI) level; however, the solicitation will not include classified information. Offerors will be required to demonstrate the ability to obtain the necessary clearances and manage classified task requirements in response to the RFP.

SPECIFIC FEATURES OF THIS DRFP

Note: The solicitation includes sections that apply to both SpE and SpS requirements. In those sections/instances where language applies to only one of the requirements it will have one of the following headers:

For SpE:

Space Enablers (SpE)

For SpS:

Space Solutions (SpS)

Where both requirements are included in a section of the DRFP, SpE will precede SpS.

The DRFP includes clauses in the Federal Acquisition Regulation (FAR), NASA FAR Supplement (NFS), DoD FAR Supplement (DFARS) and Air Force FAR Supplement (AFFARS), which can be found at these links:

FAR website: <http://acquisition.gov/far/index.html>

NFS website: <http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm>

DFARS website: <http://farsite.hill.af.mil/vfdfara.htm>

AFFARS website: <http://farsite.hill.af.mil/vfaffara.htm>

Highlights of some DRFP sections are as follows:

1. SECTION B, SUPPLIES OR SERVICES AND PRICE/COSTS

B.1 – SpE will be a single award Indefinite-Delivery-Indefinite-Quantity (IDIQ) contract with both Cost-Plus-Fixed-Fee (CPFF) and Firm-Fixed-Price (FFP) Task Orders. The Government is planning to solicit and award a CPFF task order that includes a Phase-In period with award of the IDIQ contract.

SpS will be a multiple award IDIQ contract with CPFF, FFP and Cost-Plus-Incentive-Fee (CPIF) Task Orders. The Government is planning to award a FFP task order to all SpS awardees at contract start for a concept study that would be part of a larger development effort. Another FFP Task Order for a complete space-craft design-build effort is contemplated for initial contract award.

B.2 – The Government has established a maximum IDIQ value of \$750M for all awards (SpS and SpE) over the 5-year period of performance. The Government intends to meet the minimum order amounts of \$250K for SpE and \$100K for SpS at award.

The Government is seeking comment concerning the feasibility and approach of the proposed task ordering types as part of this DRFP call.

2. SECTION C: DESCRIPTION/SPECIFICATION/WORK STATEMENT

The Basic Statements of Work (SOWs) for both SpE and SpS and the SOWs for the three task orders are included in this DRFP. Industry is encouraged to review and provide comment.

3. SECTION F: DELIVERIES OR PERFORMANCE

Note that in clause *F.4 Delivery Schedule*: Delivery of all items will be to Kirtland Air Force Base unless otherwise cited on any applicable task order.

4. SECTION H: SPECIAL CONTRACT REQUIREMENTS

Section H.6 describes the OCI aspects associated with this acquisition. Offerors will be required to submit an Organizational Conflict of Interest (OCI) Avoidance Plan with the

proposal. The approved OCI plan will be incorporated into the contract. In addition, an OCI Avoidance Plan may be required in response to individual task orders.

The Government is seeking comment concerning the OCI provisions proposed for this acquisition.

Additionally, Section H includes clauses related to access to DoD facilities:

H.20 AFFARS 5352.242-9000 Contractor Access to Air Force Installations (JUN 2002)

H.21 Base Entry Requirements

5. SECTION I: CONTRACT CLAUSES

Clause 52.216-10, *Incentive Fee (JUN 2011)*, only applies to the SpS requirements.

Clause I.12, *Security Classification Requirements*, provides that a security level of TS/SCI is required for the successful contractor.

6. SECTION J: LIST OF ATTACHMENTS

The Section J attachments that are marked **<RESERVED>** will be issued as they become available. Some of the attachments will only be released with the final RFP.

7. SECTION L: INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

The Government is seeking input and questions from potential offerors on any aspect of the general or specific instructions provided in the DRFP. We are seeking suggestions that would streamline this section as well as aid in the Government evaluation process.

8. SECTION M: EVALUATION FACTORS FOR AWARD TO OFFERORS

M.3 *Weighting and Scoring* and M.4 *Evaluation Approach – Specific Instructions* address SpE and SpS separately. The Government is seeking input from potential offerors concerning the evaluation of proposals.

INDUSTRY COMMENTS/QUESTIONS

NASA seeks comments on all aspects of the DRFP, specifically including:

1. Contract type(s) and Task Orders.
2. Use of one solicitation that results in single and multiple awards for two different requirements.
3. Suggested approaches to mitigate potential conflicts between SpE and SPS prior to release of the final RFP
4. Cost proposal preparation

Additionally, the Government is seeking input and questions on the basic and task order Statements of Work (SOW).

Comments will be most valuable if they are accompanied by document, section, clause, and paragraph references, and include suggestions on specific changes to NASA's approach. All comments will be reviewed and relevant responses will be posted (on a non-attribution basis) on the Federal Business Opportunities Home Page. Comments are also welcome on areas that the interested party believes should be addressed, but are not currently covered in the DRFP. Where appropriate, the Government will modify the relevant sections of the RFP in order to reflect suggestions from industry, or to address issues of consistency, ambiguity, or vagueness.

Potential Offerors are strongly advised to review and update their registration in System for Award Management (SAM) now. <https://www.sam.gov/>

CONCLUSION

This concludes the Highlights for the DRFP. All questions and comments are to be submitted by email to Rosalinda.R.DeLeon@nasa.gov by the stated response date.

As a final note, the information provided in these highlights is not intended to be construed differently from the information in the DRFP. Should an apparent conflict in interpretation exist, the information in the DRFP should be considered to take precedence.

OBTAINING THE LATEST INFORMATION:

To ensure you have the latest information, links to the Acquisition Planning Tool, and Federal Business Opportunities Page are provided below.

Acquisition Planning Tool:

<http://ec.msfc.nasa.gov/cgi-bin/eis/admin/admin.cgi?center=ARC>

This link provides schedule and other information about major upcoming ARC procurement actions.

Federal Business Opportunities Updates and Email Notification:

<https://www.fbo.gov/spg/NASA/ARC/OPDC20220/NNA17608320R/listing.html>

The best way to keep informed on a regular basis is to register for email notification by clicking on the "Watch this Opportunity" on the above webpage. Note that you will also need to register for an account on FebBizOpps.Gov.

[End of Draft RFP Highlights Document]